



CONST 112674
YA/G

February 11, 1994

Mr. Lou Lopez
270 Opihi Kau Way
Honolulu, Hawaii 96825

Dear Mr. Lopez:

Subject: Pumped Storage Hydroelectric Project
Transmission/Substation Cost Estimates

As requested at the December 1993 meetings with Mr. Yuzawa, the following transmission and substation information are attached:

1. Single line electrical diagrams for Kaau and Koko Crater locations;
2. Cost estimates for 138 kV transmission liens for Kaau and Koko Craters (\$700,000 for one mile and \$8.1 million for 9 miles, respectively); and
3. Cost estimates for 138 kV substation for Kaau and Koko Craters (7.3 to 12.5 million and \$19.8 million, respectively.)

The costs are rough estimates. Please call me at 543-7987 if you have any questions.

Sincerely,

Arthur Seki
Energy Specialist

AS:kef
Enclosures

cc: M. Kaya (DBED)
D. Okahara (Okahara & Associates)
M. Tagomori (DLNR)
Route:RBM/JY/GKY (w/enclosures)